WHAT IS CLAIMED IS:

1. A structure of an AC inlet, comprising a main body, at least one power terminal for accepting an electrical signal from an AC power source, at least one power pin coupled with said at least one power terminal and electrically connected to a circuit board, a ground terminal for accepting a ground signal from said AC power source, and a ground pin grounded through a wire and having a first strip coupled with said ground terminal and a second strip essentially parallel with a surface of said main body, characterized in that:

the free end of said second strip has a notch for accommodating a bare wire end of said wire and a projecting plate inclined at an elevation angle with said second strip, and said projecting plate is pressed downwards for fastening said bare ware end.

2. The structure according to claim 1 wherein said elevation angle is from 20 to 50 degrees.

3. The structure according to claim 2 wherein said elevation angle is from 30 to 45 degrees.

4. The structure according to claim 1 wherein the width of said projecting plate is slightly less than that of said notch.

5. The structure according to claim 1 wherein the length of said projecting plate is the same as that of said notch.

6. A process for fastening a wire onto a ground pin of an AC inlet, said ground pin having a strip essentially parallel with a surface of said AC inlet and the free end of said strip having a notch and a projecting plate inclined at an elevation angle with said strip, comprising steps of:

placing a bare wire end of said wire in said notch, wherein a portion of said bare wire end is in contact with said surface;

turning downwards said projecting plate to compress said bare wire end; and welding said bare wire end.